



Shell Exploration & Production

SWEPI LP
4582 S. Ulster St., Suite 1400
Stanford Place III
Denver, Colorado 80237-2642
United States

February 16, 2011

Attn: Muhammad Zaman
Pennsylvania Department of Environmental Protection
Bureau of Air Quality, Region IV
NorthCentral Regional Office
208 West 3rd Street, Suite 101
Williamsport, PA 17701

Attn: Director, Air Protection Division
U.S. Environmental Protection Agency, Region III
Mail Code 3AP00
1650 Arch Street
Philadelphia, PA 19103-2029

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RE: SWEPI LP
Shaw Compressor Site – Sullivan Township, Tioga County, Pennsylvania
40 CFR 60, Subpart JJJJ Initial Notification

Dear Mr. Zaman / Director, Air Protection Division:

SWEPI LP (Shell) is proposing to install two natural gas-fired Caterpillar G3516TALC compressor engines rated at 1,340 horsepower at the Shaw Compressor Station. As the engines proposed to be installed are lean burn engines that were manufactured after January 1, 2008, they are subject to New Source Performance Standards (NSPS) 40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

Pursuant to 40 CFR 60.7(a) and 40 CFR 60.4245(c), Shell is submitting this initial notification to meet the requirements of 40 CFR 60, Subpart JJJJ. The following information is being provided as outlined in §60.4245(c)(1) through (5).

Name and Address of the Owner or Operator [§60.4245(c)(1)]

Primary Address
SWEPI LP
190 Thorn Hill Road
Warrendale, PA 15086

Local Field Office
SWEPI LP
38 Route 660
Mansfield, PA 16933

The Address of the Affected Source [§60.4245(c)(2)]

The affected source will be located at an unattended location in Sullivan Township, Tioga County, Pennsylvania. The approximate coordinate for the facility is:
Latitude 41.823889 North, Longitude 76.998056 West.

Engine Information Including Make, Model, Engine Family, Serial Number, Model Year, Maximum Engine Power, and Engine Displacement [§60.4245(c)(3)]

The engines to be located at the Shaw Compressor Station are natural gas-fired lean-burn Caterpillar G3516TALE compressor engines. Additional engine information is as follows:

	Compressor A	Compressor B
Serial Number	WPW02653	WPW02647
Date of Manufacture	12/15/2008	12/15/2008
Maximum Engine Power Rating at 100% Load (bhp)	1340	1340
Engine Displacement (liters)	69	69

Emission Control Equipment [§60.4245(c)(4)]

The Caterpillar G3516TALE engines will be installed with no add-on control equipment.

Fuel Used [§60.4245(c)(5)]

The Caterpillar G3516TALE engines will exclusively fire field natural gas.

If you have any questions or require additional information, please contact me at (303) 222-6360, or Mr. Chuck Cornell or Mr. Bill Bock of AECOM at (970) 493-8878.

Sincerely,



H. James Sewell
Senior Staff Environmental Engineer, EP Americas

cc: Chuck Cornell / AECOM Environment – Ft. Collins, CO
Bill Bock / AECOM Environment – Ft. Collins, CO

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